

FIG.2

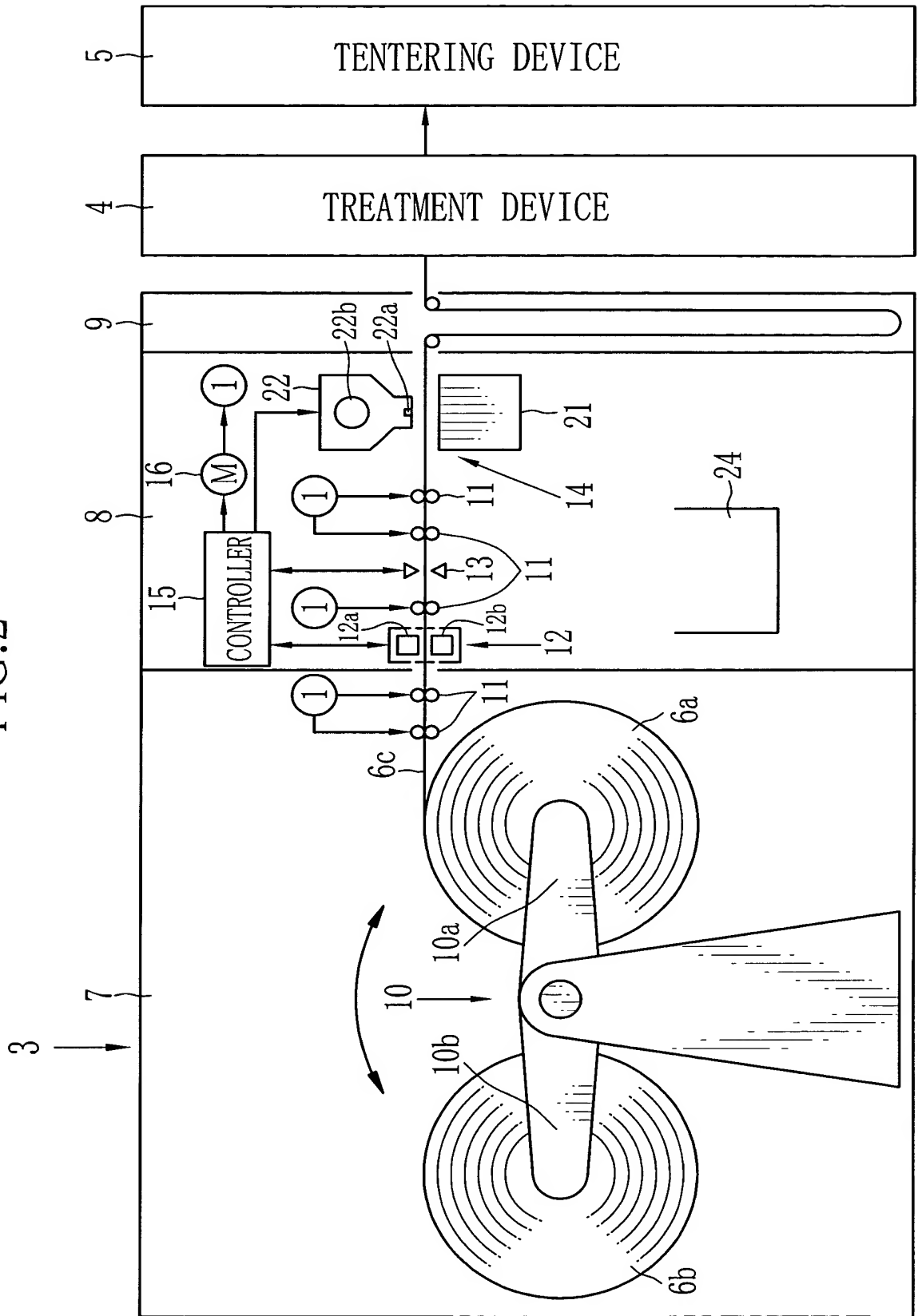


FIG.3

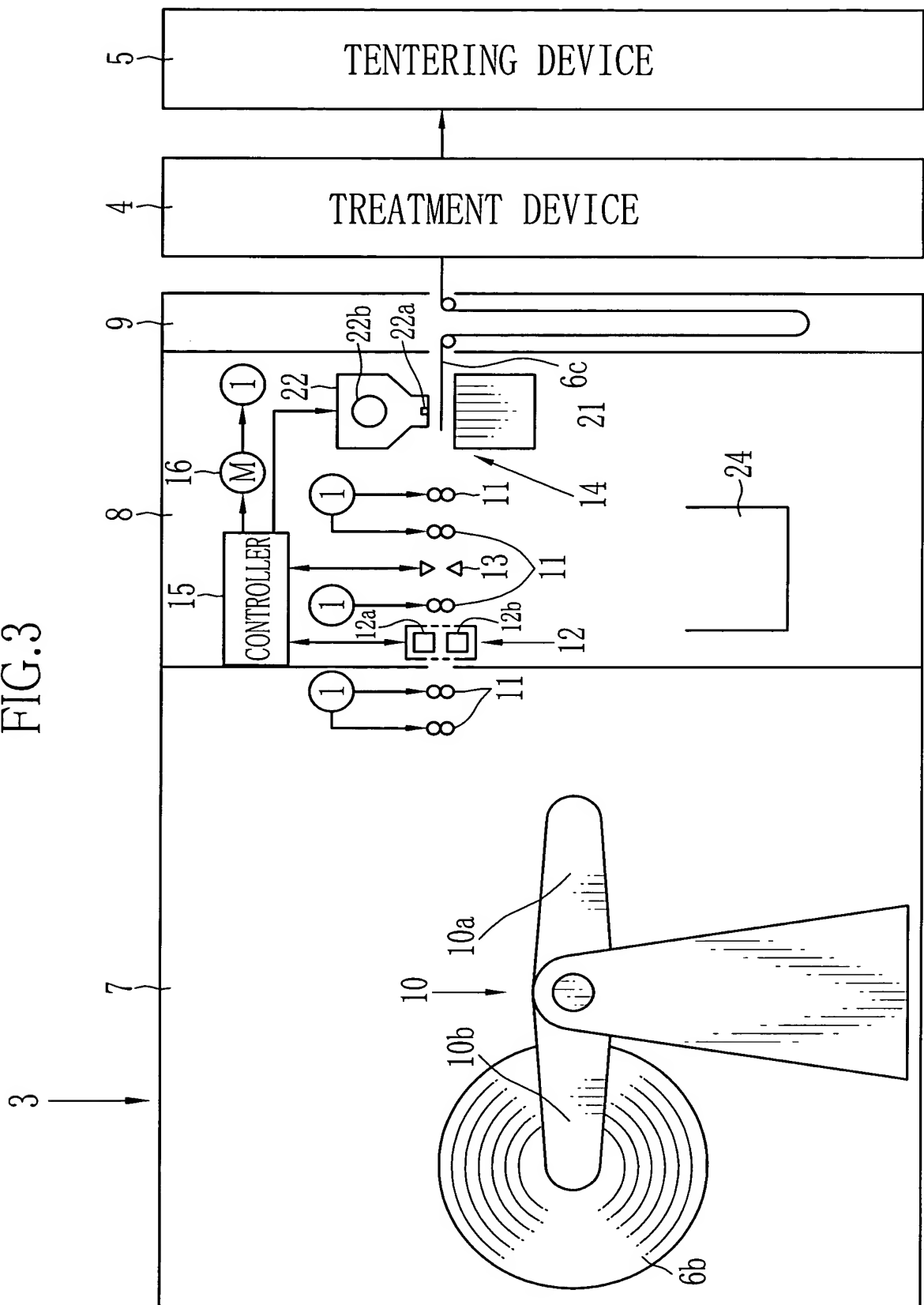


FIG.4

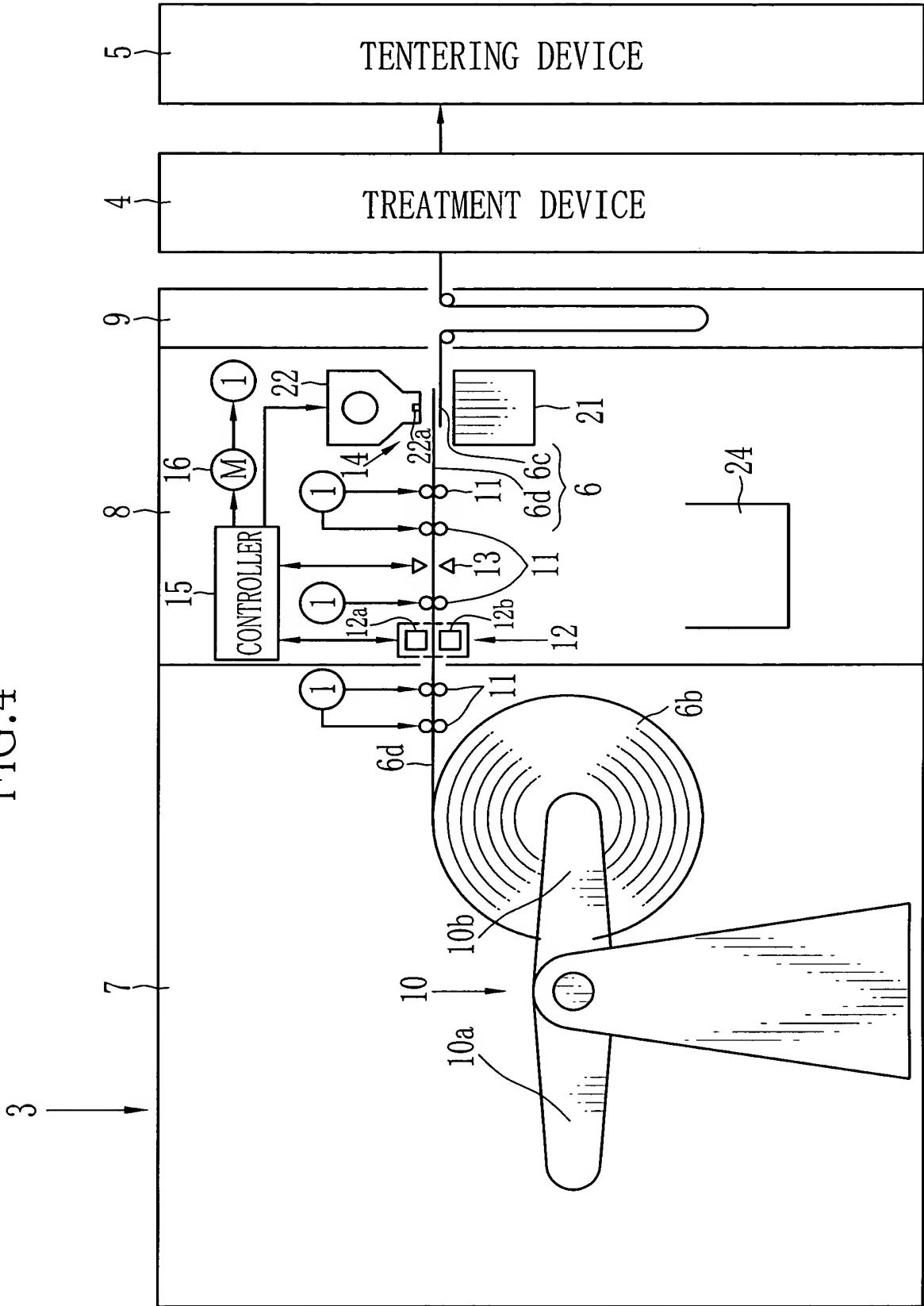


FIG.5

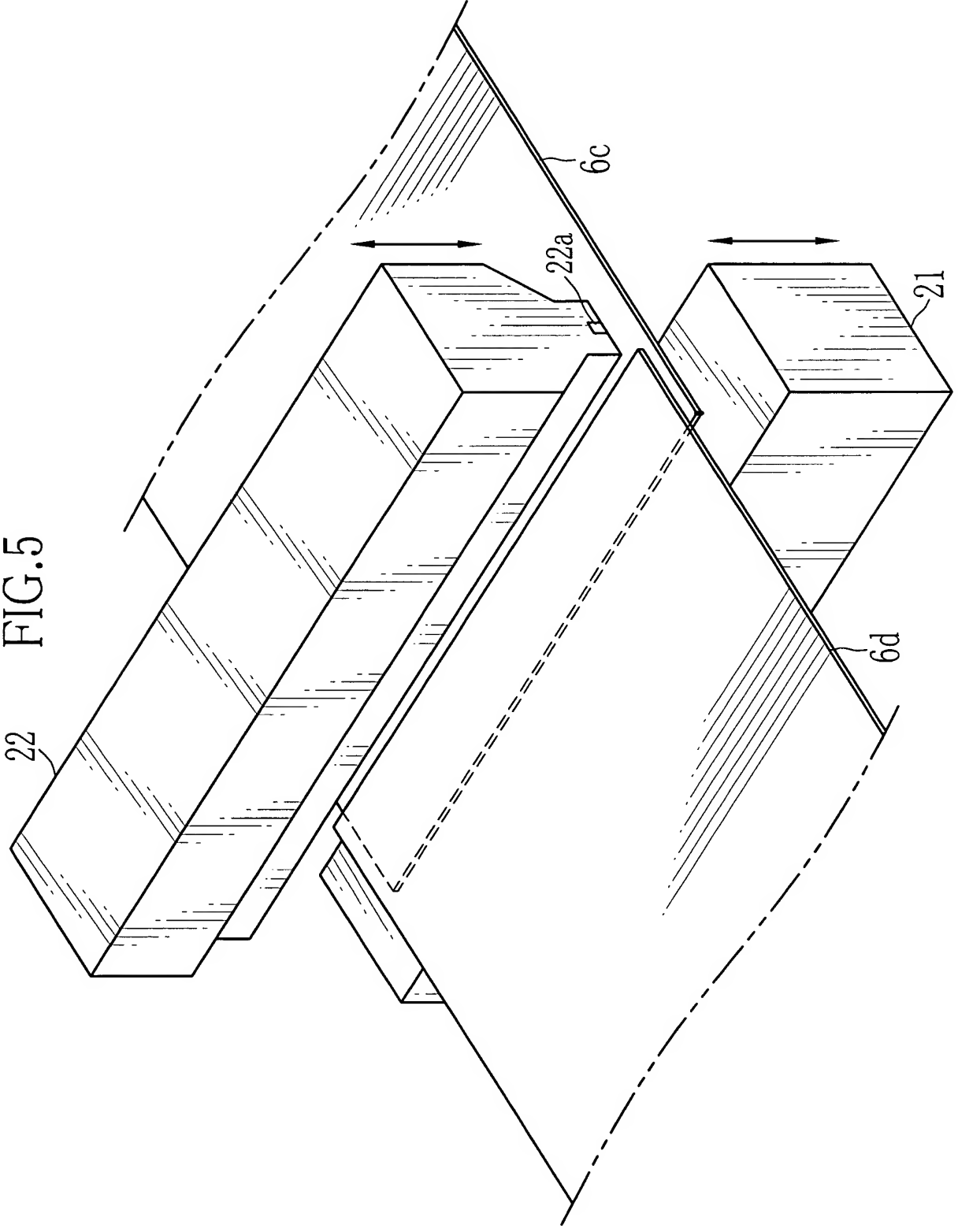


Fig. 9 is a cross-sectional view of a second embodiment of the device. It shows a central vertical member 21 with a central hole. A horizontal member 22 is positioned above it, with a central section 22a. Dimensions D1, D2, L, and W are indicated. A dashed line 6c is shown below the horizontal member, and a dashed line 6d is shown above it.

The schematic diagram illustrates a control system for a material processing apparatus. A central horizontal line represents a material path. On the left, a material source (12) feeds into a processing unit (12a, 12b). This unit is connected to a control system (15) which includes a CONTROLLER and a MEMORY (18). The control system is also connected to a motor (16) and a sensor (1). The material path continues through a series of rollers (11) and a sensor (13). The material then enters a processing chamber (21) where it is heated (22). The chamber is divided into two sections (6c, 6d) by a vertical partition (14). The material exits the chamber and is collected in a container (21). The entire system is housed within a frame (8, 9).

FIG. 7B

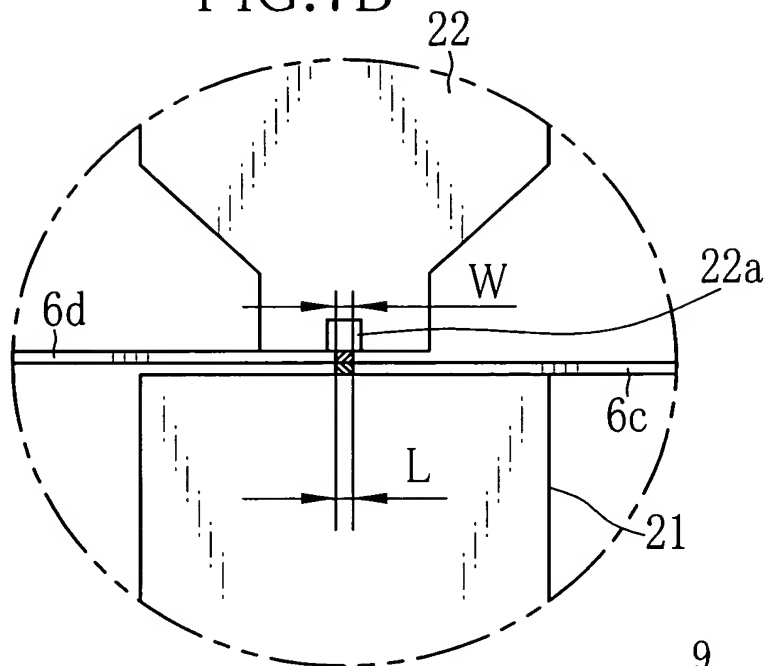


FIG. 7A

